



Fleetwood Enterprises, Inc.
Motor Home Division
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(800) 322-8216

IMPORTANT RECALL INFORMATION # 30908
September, 2003

TO: ALL FLEETWOOD DEALER PRINCIPALS
SERVICE MANAGERS
PARTS MANAGERS

SUBJECT: RECALL CAMPAIGN # 30908
2003 Model Year Pace Arrow, 2003 and 2004 Model Year Southwind and
Boulder built on Workhorse Chassis - Hydraulic Hose Routing

Fleetwood Enterprises, Inc., is requesting your assistance in conducting a voluntary recall notification campaign in accordance with the National Traffic Safety and Motor Vehicle Safety Act.

Fleetwood Enterprises, Inc., has decided that a defect relating to motor vehicle safety exists in certain 2003 model year Pace Arrow, 2003 and 2004 model year Southwind and Boulder motor homes built on Workhorse chassis at our Paxinos, Pennsylvania manufacturing plant. We are notifying owners in order to correct the problem. A copy of the letter sent to owners is enclosed for your information.

What is the problem? On motor homes affected by this recall, the leveling jacks hydraulic lines are routed too close to the engine exhaust. This can cause the lines to melt or abrade and result in a hydraulic fluid leak. Hydraulic fluid dripping from the lines could come in contact with the engine exhaust and ignite, causing a fire. Loss of hydraulic pressure would also make it impossible to raise or lower the leveling jacks.

The repair for this potential problem consists of having the leveling jacks hydraulic lines inspected and, if necessary, replaced and / or rerouted as described in Recall Service Bulletin # 30908.

What should you do? Owners of the above mentioned motor homes have been asked to contact a Fleetwood dealer to have the described defective condition remedied. In the event that you are contacted by a customer, please verify eligibility by referring to the serial number range listed in the enclosed Recall Service Bulletin # 30908 prior to beginning the repairs. Should a customer have you perform this service, please complete the Fleetwood Repair Order (form X-SR-042).

042).

Once repairs are completed, have the customer sign the Fleetwood Repair Order and return it to your National Warranty Processing Center in Decatur, Indiana for payment. You will be reimbursed in accordance with Service Bulletin # 30908. Customers will not be charged for these repairs.

If you have one of these vehicles in your inventory, you will be mailed a Safety Recall Notice for that specific motor home. Fleetwood is asking our dealers to make repairs to stock units on dealer lots prior to sale or lease.

Federal Law (Section 154 of the National Traffic and Motor Vehicle Safety Act of 1966) requires that:

If you have received a notice of recall or failure to comply from Fleetwood or any component manufacturer, you must repair or otherwise correct the defects on vehicles remaining in your inventory, according to the notification, before selling or leasing the vehicles. Any vehicle lessor receiving this recall notice must forward a copy of the notice to the lessee within ten days.

Please review this entire package with your parts and service staff to familiarize them with the step-by-step procedure and implement the Voluntary Safety Recall Campaign.

Thank you for helping Fleetwood with its continuing efforts to maintain customer satisfaction. If you have any questions, please contact your regional Fleetwood Service Center.

Sincerely,

FLEETWOOD ENTERPRISES, INC.

Tina Inkrote
Service Administrator
Motor Home Division

Enclosures: Recall # 30908 Customer Letter
 Recall # 30908 Service Bulletin

**SERVICE
BULLETIN:
#30908**

**YEAR(S)
AFFECTED:
2003 Model Year
Pace Arrow and
2003 and Early
2004 Model Year
Southwind and
Boulder**

**PRODUCT(S)
AFFECTED:
Boulder,
Pace Arrow and
Southwind**

**MODEL(S)
AFFECTED:
All Models Built
on a Workhorse
Chassis and Built
at Plant 71 of
Pennsylvania**

**SUBJECT:
Supporting the
Hydraulic Leveler
Hoses Above the
Rear of the
Engine**

**KEYWORDS:
Hose, Hydraulic
Hose, Hydraulic
Leveler, Leveler,
Workhorse**

**ISSUE DATE:
September
2003**

The purpose of this bulletin is to inform all Fleetwood Motor Home Dealers about the need to inspect, replace as necessary, and add support to the hydraulic leveler hoses crossing the top rear of the Workhorse engine. Products affected are 2003 Pace Arrow, 2003 and early 2004 Boulder and Southwind, built on the Workhorse Chassis and manufactured at Fleetwood's Pennsylvania Plant 71. The sixth and seventh digit of the Fleetwood Serial Number will be "71" such as in 739 R 3 71 54321. This concern affects only Workhorse chassis. Workhorse Vehicle Identification Numbers begin with 5B4—. Affected Fleetwood serial numbers are 739D37161667 through 739S47163559.

CONDITION:

The hydraulic leveler hoses crossing the motor home near the top rear of the engine may sag and contact components of the engine exhaust causing damage to the hose.

INSPECTION:

1. Retract all hydraulic levelers to the normal travel position.
2. Turn off the engine and remove the key from the ignition. Let the systems cool down (particularly the exhaust) before proceeding.
3. Remove the screws from the access cover built into the floor between the driver and passenger seats and lift out the cover. See Figures 1 and 2. The entire engine cover does not need to be removed.

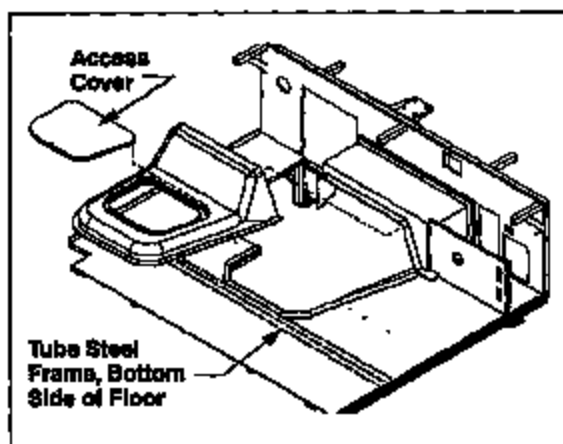


Figure 1

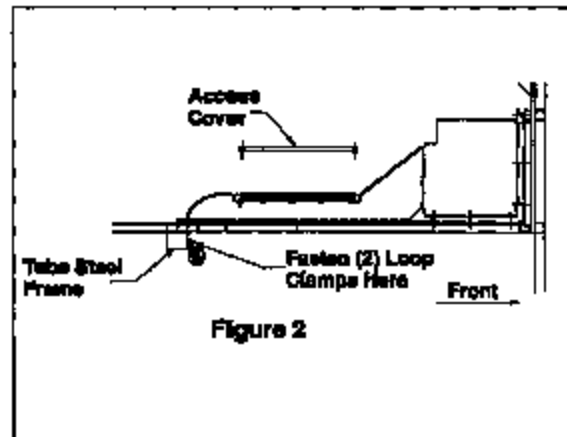


Figure 2

"It is impossible to know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Accordingly anyone who uses a service procedure or tool must first assure that neither personal safety nor vehicle safety will be jeopardized by the selected service methods."

This bulletin is supplied for technical information only and is not an authorization for repairs.

4. Look through the opening and slightly toward the rear of the motor home. Identify the two (2) hydraulic leveler hoses crossing from left to right. See Figure 3.
5. Carefully inspect the two (2) leveler hoses for heat related damage. Supplement the visual inspection by feeling the leveler hoses for damage. If the leveler hoses show signs of melting, are cracked, or are not flexible, they must be replaced.

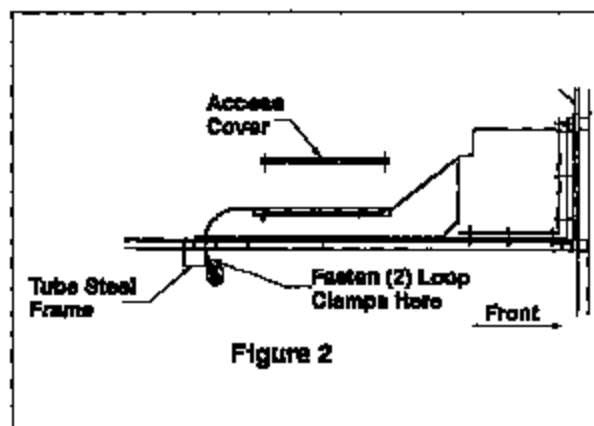


Figure 2

Figure 3

CORRECTION PROCEDURE:

1. If the leveler hoses are not damaged, skip to Step 3 below.
2. Replace only damaged leveler hoses. It may not be necessary to replace both leveler hoses. Label or mark all of the fittings so that replacement leveler hoses connect to the proper components. **The right rear leveler hose has a hose extension and a fitting in the hose, on the outboard side of the frame rail near the rear leveler. Disassemble the leveler hose at this fitting and replace only the damaged portion. Do not coil extra length hose. Use the same length for replacement so that leveler hoses have straight flat runs. Measure the old leveler hose(s) and order replacements according to the list at the bottom of this bulletin.**

WARNING: Hydraulic Levelers Must be fully retracted and the leveler system turned off to eliminate high pressures in the leveler hoses. DO NOT REMOVE LEVELER HOSES IF THE JACKS ARE EXTENDED.

3. Use two (2) insulated loop clamps #073725 to support the leveler hoses. Attach the insulated loop clamps with #8 X 1" Hex Head tec screws #004407 to the tube steel frame directly against the bottom side of the floor. Position the clamps to give the leveler hoses as much clearance as possible from hot engine components. See Figures 1 and 2.
4. Check for clearance of all other components and wire harnesses in this area. Correct as necessary.
5. Fill the hydraulic leveler reservoir to the full line and monitor as you bleed the system.
6. Follow the "Oil Bleed Procedure Leveling Systems" from Power Gear that has been included with this bulletin. Additional hydraulic oil may need to be added to the leveler tank during this process.
7. Extend the levelers and level the motor home. Check for solid support from the level legs by moving about inside the motor home. If the motor home has a soft or spongy feel, or a popping noise is heard coming from the leveler system, re-bleed the system again following the Power Gear "Oil Bleed Procedure" attached to this bulletin.
8. Check for hydraulic oil leaks and correct as necessary. **WARNING: Do not work under a motor home supported only by the hydraulic levelers. Use supplemental service jack stands, of adequate capacity, for safety. Failure to do so may result in personal injury or death**
9. Reinstall the access cover.
10. Retract the levelers.
11. Top off the hydraulic oil in the leveler reservoir.

WARRANTY LABOR ALLOWANCE:

Flat Rate Code: Inspect and add Insulated Loop Clamps

.3 hr.	9120 -11	Inspected/Not Defective
.6 hr.	9120 -12	Inspected/Def./Repaired
.3 hr.	9120 -13	Inspected/Def./Declined
.3 hr.	9120 -14	Inspected/Def./Missing Parts
.3 hr.	9120 -15	Inspected/Def./Need Tools
.1 hr.	9120 -16	Unable to Notify Customer
.1 hr.	9120 -17	Customer Unreachable

Add the following Flat Rate Code(s) only if these additional repairs are required:

Replace Right Front Leveler Hose

1.0 hr. 9121 - 12

Replace Right Rear Leveler Hose

1.0 hr. 9122 - 12

TOOLS REQUIRED:

Power Driver

#3 Phillips Screw Driver

5/16" Hex Bit

3/4" Combination Wrench (2 Required)

1/2" Combination Wrench

Container to catch hydraulic oil

Oil Dry Compound

PARTS REQUIRED:

Insulated Loop Clamps 1 1/4" (2 required) #073725

Tec Screws, #8 X 1", Hex Head (2 required) #004407

Hydraulic Hoses (as needed):

106 Inches Long #390780

264 Inches Long #390782

Type A automatic transmission fluid (ATF, Dextron III, Mercon®) (purchase locally)

If you have any questions concerning this bulletin, contact Fleetwood's Dealer support Group at:

Decatur #91 — 800-325-6388



1217 E. 7th Street
Mishawaka, IN 49844
Phone: 1-800-338-4772
1-800-338-2638
Fax: 574-258-6743

T.I.P., Troubleshooting Information on Power Gear

Oil Bleed Procedure Leveling Systems

READ ALL PROCEDURES AND UNDERSTAND THEM PRIOR TO STARTING

WARNING

At no time should the jacks touch the floor during this procedure. Lifting the coach could result in great bodily harm or death.

WARNING

The jacks may extend slightly during this procedure and care must be taken to avoid moving parts to avoid bodily injury.

WARNING

Check the wheels to prevent the coach from moving prior to beginning this procedure.

NOTE: Prior to bleeding procedure, check hoses near pump and at legs to determine if they have been coiled. Reroute hose to remove coils if possible. Be sure to keep hose at least 6" from all heat sources and protect from all sharp edges and screws. If hose can not be permanently rerouted, temporarily straighten hose and proceed with bleeding procedure

- 1) Repeat these procedures for each jack, working from the jack farthest away from the pump to the closest.
- 2) Select the jack farthest from the pump for the first procedure.
- 3) Place a container below the leg to collect excess fluid.
- 4) Loosen the hose connection at the leg just enough to allow flow, do not completely remove the hose
- 5) Have a second person energize the leveling system and press the appropriate button to extend the jack selected
- 6) As oil flows to the jack, air will escape through the loosened connection. At the point where a steady flow of oil is observed coming from the connection, retighten the hose connection to 18-22 ft-lbs
- 7) Have the person operating the control to stop pressing the button immediately after tightening the connection.
- 8) Retract the jack if necessary
- 9) Top off reservoir with Automatic Transmission Fluid.
- 10) Perform the procedure on the remaining jacks in the appropriate order.